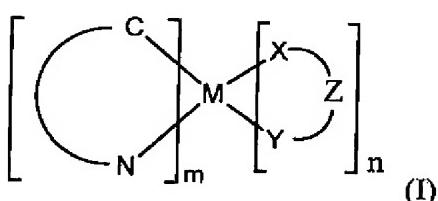


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (currently amended): A compound represented by the Formula (I)



wherein



is a cyclometallated ligand,

M is a metal with an atomic weight of greater than 40,

X and Y are each independently selected from pyrazoles, tetrazoles, thiazoles, furans and pyridines.

~~a heteroatom selected from S, O, N, and P,~~

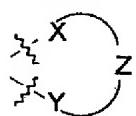
~~a heteroatom-containing group selected from OR, SR, NR₂ and PR₂, wherein R is alkyl, aryl, or heteroaryl, and~~

~~a heterocycle, wherein the heterocycle is a 3-7 membered aromatic or non-aromatic ring containing at least one heteroatom selected from S, O, N, and P,~~

Z is a group of the formula JR'_pR''_q

wherein J is hydrogen or a metal or a non-metal, R' and R'' are independently, alkenyl, heteroaryl, hydroxy, alkoxy, aryloxy, amino, alkylamino, arylamino, sulfido, alkylsulfido, arylsulfido, phosphino, alkylphosphino or arylphosphino and p and q are integers between 0 and 2,

m and n are integers selected from 1 and 2 wherein the sum of n + m is 3,



with the proviso that is anionic.

Claim 2. (previously presented): The compound of claim 1, wherein J is boron.

Claim 3. (cancelled)

Claim 4. (cancelled)

Claim 5. (cancelled)

Claim 6. (currently amended): The compound of ~~claim 5~~ claim 1 wherein R' and R" are selected from the group consisting of alkyls, aryls, and pyrazoles and p and q are each 1.

Claim 7. (currently amended): The compound of ~~claim 4~~ claim 6 wherein R' is pyrazole, R" is a pyrazole and p and q are each 1.

Claim 8. (currently amended): The compound of ~~claim 5~~ claim 1 wherein X and Y are pyrazoles.

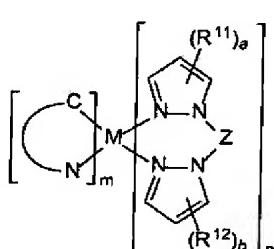
Claim 9. (withdrawn -currently amended): The compound of ~~claim 5~~ claim 8, wherein Z is hydrogen.

Claim 10. (withdrawn): The compound of claim 1, wherein the heavy metal is selected from the group consisting of Ir, Pt, Pd, Rh, Re, Os, Tl, Pb, Bi, In, Sn, Sb, Te, Ag, and Au.

Claim 11. (withdrawn): The compound of claim 9 wherein the heavy metal is Ir.

Claim 12. (withdrawn): The compound of claim 9 wherein the heavy metal is Pt.

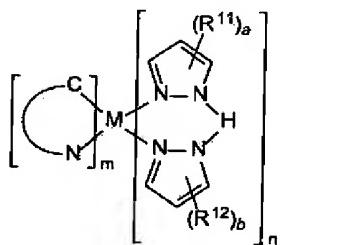
Claim 13. (previously presented): The compound of claim 1, having the Formula III:



III

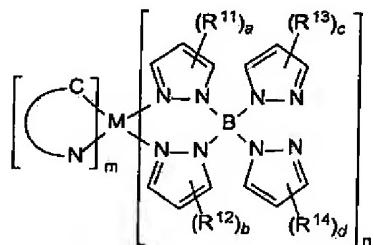
wherein each R¹¹ and R¹² is independently selected from alkyl, alkenyl, alkynyl, alkylaryl, CN, CF₃, CO₂R, C(O)R, NR₂, NO₂, OR, halo, aryl, heteroaryl, substituted aryl, substituted heteroaryl or a heterocyclic group, and additionally, or alternatively, any two adjacent substituted positions together form, independently, a fused 5- to 6-member cyclic group, wherein said cyclic group is cycloalkyl, cycloheteroalkyl, aryl, or heteroaryl, and wherein the fused 5- to 6-member cyclic group may be optionally substituted with one or more of alkyl, alkenyl, alkynyl, alkylaryl, CN, CF₃, CO₂R, C(O)R, NR₂, NO₂, OR, or halo; each R is independently alkyl, aryl, or heteroaryl; and subscript a and b are independently selected from 0, 1, 2, and 3.

Claim 14. (withdrawn-currently amended): The compound of claim 5 claim 13, having the formula IV:



IV.

Claim 15. (previously presented): The compound of claim 1, having the Formula V:



V

wherein each R¹¹, R¹², R¹³, and R¹⁴ is independently selected alkyl, alkenyl, alkynyl, alkylaryl, CN, CF₃, CO₂R, C(O)R, NR₂, NO₂, OR, halo, aryl, heteroaryl, substituted aryl, substituted heteroaryl or a heterocyclic group, and additionally, or alternatively, any two adjacent substituted positions together form, independently, a fused 5- to 6-member cyclic group, wherein said cyclic group is cycloalkyl, cycloheteroalkyl, aryl, or heteroaryl, and wherein the fused 5- to 6-member cyclic group may be optionally substituted with one or more of alkyl, alkenyl, alkynyl, alkylaryl, CN, CF₃, CO₂R, C(O)R, NR₂, NO₂, OR, or halo;

each R is independently alkyl, aryl and heteroaryl; and
subscript *a*, *b*, *c*, and *d* are independently selected from 0, 1, 2, and 3.

Claims 16-43. Cancelled.